

CLAIMS

1. An apparatus (2) for imparting relative movement between an oscillating member and a rail (4), characterized in that it comprises a support (6) securable to the oscillating member providing a first fulcrum (8) and a first biasing means (10) to bias a lever (18) about the first fulcrum (8), with the first fulcrum (8) and first biasing means (10) spaced apart along the length of the lever (18), and the lever (18) having, spaced along its length from the first fulcrum (8), an engaging formation (20) whereby the rail (4) is slidably engageable, and the engaging formation (20) configured to selectively grip and release the rail (4).
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2. An apparatus (2) as claimed in claim 1, characterized in that the lever (18) is resiliently biased by the first biasing means (10).
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3. An apparatus (2) as claimed in claim 1 or claim 2, characterized in that the first fulcrum (8) is resiliently biased toward the lever (18).
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4. An apparatus (2) as claimed in any one of the preceding claims, characterized in that the engaging formation (20) is configured to provide the lever (18) with an over center cross-corner friction lock fit to a rail (4).
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5. An apparatus (2) as claimed in any one of the preceding claims, characterized in that the first fulcrum (8) provides a second biasing means (48) that biases the lever (18) about a second fulcrum (50) provided by the support (6).
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6. An apparatus (2) as claimed in claim 5, characterized in that the fulcrums (8, 50) engage the lever (18) between their respective biasing means (10, 48) and the engaging formation (20) of the lever (18).
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7. An apparatus (2) as claimed in claim 5 or 6, characterized in that the first biasing means (10) and second biasing means (48) are piston and cylinder assemblies with the pistons (34, 36) contacting the lever (18).

5 8. An apparatus (2) as claimed in claim 7, characterized in that the piston and cylinder assemblies are hydraulic or pneumatic.

10 9. An apparatus (2) as claimed in any one of the preceding claims, characterized in that the engaging formation is a passage (20) through the lever (18).

15 10. An apparatus (2) as claimed in any of the preceding claims, characterized in that the engaging formation (20) provides a pair of parallel opposed line contact points (23A, 23B; 25A, 25B) locatable on opposite sides of the rail (4) and spaced apart along the length of the rail (4).

20 11. An apparatus (2) as claimed in any one of claims 1 to 9, characterized in that the engaging formation (20) provides a pair of opposed engaging surfaces (22A, 22B; 24A, 24B) that are transversely inclined relative to the axis of the lever (18), locatable on opposite sides of the rail (4) and offset along the length of the rail (4).

25 12. An apparatus (2) as claimed in any one of the preceding claims, characterized in that the support (6) is a carriage whereon a percussion drill is secured.

13. An apparatus (2) as claimed in any one of claims 1 to 11, characterized in that the support (6) is integral with a casing of a percussion drill.